

AMENDMENTS TO THE CLAIMS**Listing of Claims**

Claim 1 (currently amended): A projection display device, comprising:

- 5 a casing having an air inlet and an air outlet;
a lamp installed in said casing;
an optical engine, installed in said casing; and
a lamp cooling apparatus, installed in said casing, the lamp cooling apparatus
comprising a fan and a recess formed on a bottom of the casing, said fan
being installed between said lamp and said recess, said fan being not inside
10 said recess, said air inlet being not directly below said recess.

Claim 2 (cancelled)

- Claim 3 (currently amended): The device according to claim 1, wherein said
15 ~~projection display device further comprises an air inlet and air outlet, and~~ said
air inlet and said air outlet are respectively disposed at opposite sides of said
casing.

- Claim 4 (original): The device according to claim 1, wherein said lamp cooling
20 apparatus further comprises a lamp cover, said lamp cover is installed outside of
said lamp, and a convection space is formed between said lamp cover and said
lamp.

- Claim 5 (original): The device according to claim 4, wherein an air inlet and an air
25 outlet are respectively disposed at the places on said lamp cover relative to the
bottom and the top of said lamp.

- Claim 6 (original): The device according to claim 5, wherein said fan is installed at
said air inlet.

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Claim 7 (original): The device according to claim 5, wherein diversion plates are installed at said air outlet.

Claims 8-12 (cancelled)

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Claim 13 (currently amended): A projection display device, comprising:

a casing having an air inlet and an air outlet, said air inlet and said air outlet being respectively disposed on sides of said casing;

a lamp;

10 an optical engine, installed in said casing; and

a lamp cooling apparatus, installed in said casing, comprising a fan;

wherein ~~at least one of said air inlet and said air outlet~~ is not disposed directly above or below said fan.

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